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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Urban Lindh

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EXAMINER

ALI, MOHAMMAD

ART UNIT

PAPER NUMBER

2166

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

04/09/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

09/834,909

Applicant(s)

LINDH, URBAN

Examiner

Mohammad Ali

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 January 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3, 5-15 and 18-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-15 and 18-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 1/24/07 has been entered.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 5-6, 10, 11, 13, 20 and 25-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Grealish, US 6,711,715, 23 March 2004 and Keith U.S. Patent no. 6,629,097 September 30, 2003.

Grealish is directed to display state data including spreadsheets and databases (COL 1 lines 7-2).

As to claim 13:

A system for acquiring and presenting data, comprising: a computer that establishes a link with a database and imports data from fields in the database that are identified in a

parameter file, a memory that stores the imported data in at least one grouping that corresponds to a column in a spreadsheet user interface (see Fig. 1); an internal parameter that links corresponding data with each other to form a record of data (see Fig. 3); a selection component that allows a user to select, via said spreadsheet user interface, a particular data of a record and the format of the data for display (see Fig. 4); and a presentation device that displays the selected data via said spreadsheet user interface (see Fig. 5a).

The system for acquiring and presenting data is depicted in FIG 1 and described at COL 5 line 55 and after. Grealish creates display state data for display objects contained within a hierarchical data structure (COL 2 lines 39-43), wherein the display objects are associated with data elements such as records (COL 1 lines 29-43).

Data is imported from a database at least when a user loads data (COL 8 lines 3-8). Since a user may choose to display only some of the fields of a record (COL 1 lines 32-361, a data structure such as a list must determine which ones are to be displayed, and this corresponds to an internal parameter file.

In particular, the identifiers of columns in a record correspond to parameters (COL 3 lines 46-47J, and a column of a record, grid, or spreadsheet corresponds to a grouping of data elements. Fig 2a-2e depict displays in the format of a spreadsheet, wherein these displays are determined by display objects COL 7 line 24 to COL 9 line 32.

The sequence of displays in FIG 2a-2e is under control of the user, as noted throughout

(COL 8 lines 15-18 in particular). The format of the display is the subject of the example, both color and grouping by columns (COL 8 lines 46-52).

It is noted, however, Grealish did not specifically detail the claimed feature of "a presentation device that displays statistical information about the selected data in a spreadsheet user interface by designated category" as recited in the instant claim. On the other hand, Keith achieved the aforementioned claimed limitations by providing a method and system to produce a visual distinction between clusters of statistically related concept and entities. Electronic data storage and retrieval involved in searching and organizing "category" pages in the spreadsheet through the interface (See col. 29, lines 16 to col. 30, lines 65, Fig. 1, et seq).

It would have been obvious to one ordinary skill in the data processing art at the time of the present invention to modify the teachings of the cited references because a presentation device that displays statistical information about the selected data in a spreadsheet user interface by designated category of Keith's teaching would have allowed Grealish's system to use as similarity measures are generated directly from words from the descriptions of the data items themselves, so they are relevant to the data set by definition. No interpretation or translation of word meaning is required as suggested by Keith at col. 16, lines 63-66.

As to claim 6, the sequence of FIG 2a-2e and the corresponding discussion as noted above correspond to groupings chosen by the user, as do the columns to be displayed

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ICOL 7 lines 25-30 and elsewhere.

The elements of claims 1, 5, 10, 11 and 20 are rejected in the analysis above and these claims are rejected on that basis.

As to claims 25 and 26, Grealish teaches wherein each category corresponds to a field of said internal database (see Fig. 4).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2, 3, 7-9, 12, 14-15 and 18-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Grealish, US 6,711,715, 23 March 2004 and Keith U.S. Patent no. 6,629,097 September 30, 2003 in view of Unger et al (Unger), US 5,721,910, 24 February 1998.

Grealish is not directed to a particular application, such as patent information database, but this is clearly a potential application to which it applies. Both Unger and Keith are directed to a database that models business applications such as patent publications (See Unger COL 2 lines 58-63 and Keith Summary).

As to claims 2-3, a tight link is defined as a link that uses an access number of patent number (0018), and Unger teaches the use of such a link (ICOL 5 lines 17-25).

As to claims 7 and 18, the parsing of patent literature includes the determination of citations (FIG 1; COL 5 lines 17-25).

As to claim 8, FIG. 1 at least depicts various internal databases determined at various stages.

As to claim 9, it is clear that the categories of FIG 1 correspond to pre-determination of bibliographic categories, and the list of such categories corresponds to a parameter file. The technical subject hierarchy per se clearly has the same function.

The elements of claims 12, 14, 15 and 19 are rejected in the analysis above and these claims are rejected on that basis.


As per claims 21-24, Keith suggest the use of an interface when displaying for internet application (See col. 29, lines 16 to col. 30, lines 65, Fig. 1, et seq).

Contact Information

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad Ali whose telephone number is (571) 272-4105. The examiner can normally be reached on Monday-Thursday (7:30 am-6:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T. Alam can be reached on (571) 272-3978. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Mohammad Ali
Primary Examiner
Art Unit 2166

MA
March 31, 2007